

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Previously presented) A method for receiving event notification in a network, comprising:
 - subscribing to a first event source to create an event subscription;
 - receiving at least two event messages each comprising a subscription based-sequence number and a time stamp from the first event source when events occur at the first event source;
 - determining the order of events within the first event source on the basis of the sequence number within the at least two event messages; and
 - revoking the event subscription.
2. (Canceled)
3. (Previously Presented) The method as recited in claim 2 further comprising:
 - subscribing to a second event source;
 - receiving at least two event messages each comprising a sequence number and a time stamp from the second event source when second events occur at the second event source;
 - determining the order of events within the second event source on the basis of the sequence number within the at least two event messages from the second event source; and
 - ordering the events from the second event source with respect to the first event source on the basis of the time stamp within each of the at least two event messages from the first event source and the at least two event messages from the second event source.
4. (Previously Presented) The method as recited in claim 1 wherein the received event messages are described with a Type Description Language.
5. (Previously Presented) The method as recited in claim 1 wherein the received event messages are delivered as SOAP messages.
6. (Previously Presented) The method as recited in claim 1 wherein the received event messages can convey both absolute and relative values.

7. (Previously Presented) The method as recited in claim 1 wherein the first event source defines the events raised by the first event source as a name-type pair.

8. (Previously Presented) The method as recited in claim 1 wherein the first event source and an event sink are identified using standard types `EventArgs` and `EventArgsSink`, respectively.

9. (Previously Presented) The method as recited in claim 1 wherein the first event source supports filtering of events raised by the first event source.

10. (Previously Presented) The method as recited in claim 1 wherein a subscriber can establish an event filter as part of an initial subscription.

11. (Previously Presented) The method as recited in claim 1 wherein a subscriber can update an event filter established as part of an initial subscription.

12. (Original) The method as recited in claim 4 wherein the Type Description Language comprises a markup language.

13. (Original) The method as recited in claim 1 wherein the first event source messages are one-way messages.

14. (Previously Presented) The method as recited in claim 1 wherein the event subscription is made to the first event source by way of an intermediary.

15. (Previously Presented) The method as recited in claim 1 wherein the event is received through an intermediary.

16. (Previously Presented) The method as recited in claim 1 wherein the event subscription is defined in a type description language.

17. (Previously Presented) The method as recited in claim 11 wherein the type description language comprises a one to one mapping to an extensible markup language.

18. (Previously Presented) The method as recited in claim 1 wherein the first event source is an object on a digital device.

19. (Previously Presented) The method as recited in claim 1 comprising setting a lease term after an expiration of which the first event source discontinues transmission of event messages.

20. (Previously Presented) The method as recited in claim 19 comprising sending a renewal message to renew the lease term.

21. (Previously Presented) The method as recited in claim 1 wherein the network is an intranet.

22. (Previously Presented) The method as recited in claim 1 wherein the network is the Internet.

23. (Canceled)

24. (Previously presented) A distributed system comprising:
a first digital device;
a second digital device capable of communicating with the first digital device by way of a computer network,
said first digital device subscribing to a first event source operating on the second digital device whereby the first digital device receives event notification messages each comprising a subscription based-sequence number and a time stamp from the first event source when events occur on the first digital device.

25. (Previously Presented) The system as recited in claim 24 further comprising an intermediary device in communication with the first digital device and the second digital device whereby the event notification messages are routed to the intermediary device and thereafter forwarded to the first digital device.

26. (Previously Presented) The system as recited in claim 24 wherein the event notification messages are constructed in a type description language.

27. (Previously Presented) The system as recited in claim 26 wherein the type description language has a one to one mapping to an extensible markup language.

28. (Previously Presented) The system as recited in claim 24 wherein the first digital device determines the order that events occurred on the second digital device by way of the sequence number.

29. (Previously Presented) The system as recited in claim 24 wherein the event notification messages are one-way messages.

30. (Previously Presented) The system as recited in claim 24 wherein the first digital device and the second digital device are coupled to an intranet.

31. (Previously Presented) The system as recited in claim 25 wherein the first and second digital device are coupled to an Intranet.

32. (Withdrawn) A method for using services in a computer network, comprising:
subscribing to an event on a first digital device;
receiving an indication in a type description language comprising a time stamp and subscription based-sequence number that the event has occurred on the first digital device;
and
requesting a service to be performed by the first digital device after receiving the indication that the event has occurred.

33. (Withdrawn) The method as recited in claim 32 wherein the type description language has a one to one mapping to an extensible markup language.

34. (Withdrawn) The method as recited in claim 32 wherein the subscription comprises a lease term after which an event message will not be received from the first digital device.

35. (Withdrawn) The method as recited in claim 32 comprising sending a renewal message to the first digital device whereby the lease term is extended.